

IN THE SPECIFICATION

Please amend the paragraph beginning on page 7, line 7 as follows:

FIG. 5B is a back view of the connector 30 shown in FIG. 5A with surface mounted positive thermal coefficient switches 70 in an example embodiment of the present invention. The surface mounted positive thermal coefficient switches 70 are connected to connector leads 60 and other magnetic components 80 within switch connector 30. It should be noted that the surface mounted positive thermal coefficient switches 70 may be placed on any exposed surface of switch connector 30 where space permits. Further, the surface mounted positive thermal coefficient switches 70 would be connected to connector leads 60 as required and would not necessarily include all connector leads 60.

Please amend the paragraph beginning on page 7, line 16 as follows:

FIG. 6 is a top view of an example of a printed circuit board 10 using the embodiments of the present shown in figures 4A through 5B. Utilizing the embodiments of the present invention shown in FIGs. 4A through 5B, the leads/traces 40 contained on or within printed circuit board 10 do not require the presence of positive thermal coefficient switches since these positive thermal coefficient switches would be contained in switch connector 30. Therefore, the leads/traces 40 maybe placed in closer proximity to one another, thereby saving space for other circuits on printed circuit board 10.

Please amend the paragraph beginning on page 8, line 1 as follows:

FIG. 7 is a top view of another example of a printed circuit board using the embodiments of the present invention shown in figures 4A through 5B. FIG. 7 is similar to FIG. 6 with the exception that certain leads/traces 40 connect to a common connector lead contained within switch connector 30. Therefore, a single positive thermal coefficient switch may be placed in or surface mounted to switch connector 30 and support several leads/traces 40 without the need for individual leads/traces 40 on the printed circuit board. Thus by being able to support multiple leads/traces 40 with a single positive thermal coefficient switch significant savings of space and money may be realized utilizing the embodiments of the present invention.

IN THE DRAWINGS

Corrected drawings are supplied herewith. Enclosed are replacement sheets of drawings including Figures 1A, 1B, 2, and 3 now labeled "Prior Art" as requested in the Office Action dated 4 September 2003.